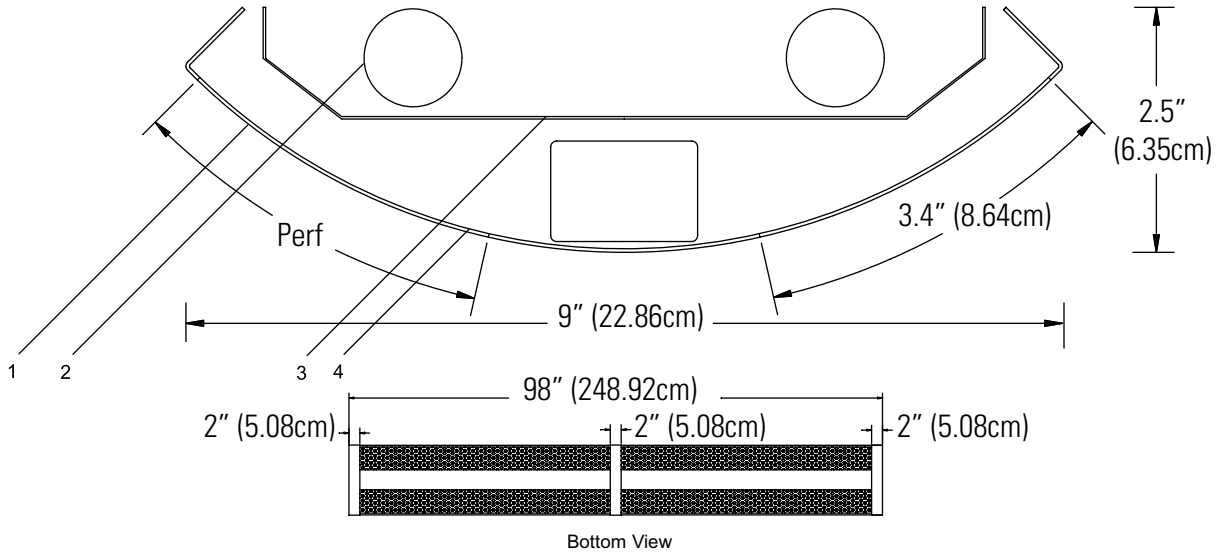
Linear PerfLyte™ 9" (22.86cm) Semi Perforated 2-Light T8 Per 4-Foot (Nominal) Section



Bottom View

Module Ordering Information

Style	Series	Type	Lamps	Length	Ballast	Options
LP	**1**	**B**	**2T8**			
			2T8 = 2-F32T8	**4** = 4-Foot **8** = 8-Foot **12** = 12-Foot	**U** = Universal Voltage **E** = Emergency Pack **D1** = Dimming 120v **D2** = Dimming 277v	**Blank** = No Options **DS** = A-B Switch **X4** = 4 Wire for Dimming & Switched Emergency

Complete ordering instructions below.

Features

1. **Housing:** 18 gauge perforated steel with 41% open hole pattern. Holes are 1/16" (0.16cm) diameter on 3/32" (0.24cm) centers. Die-formed steel end cap with concealed access holes for through wiring. No exposed fasteners or hardware.
2. **Lamping:** Two T8 32 watt fluorescent lamps per 4-foot section. Provided by others.
3. **Reflector:** Precision die-formed specular aluminum.
4. **Diffuser:** Opal acrylic diffuser.

Electrical

Ballast is universal voltage, <10% THD, .88 ballast factor, instant start. 3 conductor, 18 gauge wire. Color-coded quick connectors allow ease of connection for joiner modules. For special circuiting consult factory. Cord is 18/3 SJT. Factory installed ballast disconnect allows the ballast to be disconnected from and reconnected to incoming power under load without turning the entire circuit off.

Dimming: 120/277 VAC, 4 wire feed required.

Emergency Battery Pack: 32 watt: 450 lumens @ 90 minutes.

Mountings

Cable Suspension (not shown) - 4-1/2" (11.43cm) diameter flat canopy finished white enamel, 1/16" (0.16cm) diameter stainless steel aircraft cable adjustable up to 36" (91.44cm) without cutting. Overlap connector to provided 46" (116.84cm) of perforated and 2" (5.08cm) solid sections contiguously without the presence of hairline connections (see Bottom View drawing above).

Options

Dual Switching: Order the DS option for separate row switching. DS option automatically ships with the X4 option included.

4 Wire: Order X4 modules for remainder of the run when using dimming and/or switched emergency battery pack modules. Also, order the 4 Wire Cord Power Feed End Sets (**LP1EC36X4**) when using 4 Wire Modules.

Emergency Circuiting: Special circuiting - consult factory.

Ordering Information

Individual Fixtures:

1. Order number of MODULES required.
2. Order one POWER FEED END SET per MODULE.

Continuous Rows:

1. Determine run length.
2. Order the appropriate number of MODULES for the complete run.
3. Order one POWER FEED END SET per run.
4. Order one CABLE ASSEMBLY per MODULE minus one per run.
5. For runs that exceed amperage limits, order the appropriate number of SINGLE CABLE & CORD FEEDS.

Finish

Powder coated baked white enamel. Custom colors available, consult factory.

Labels

UL, cUL and I.B.E.W.

Job Information **Type:**

Job Name:

Cat. No.:

Lamp(s):

Notes:

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710

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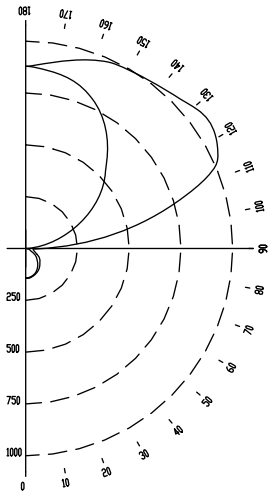
Performance

CANDLEPOWER CURVE



REPORT NO: LRL 200-10H
CAT NO: LP1B2T84U
LAMPS: 2 F32T8
LUMENS: 2900
EFFICIENCY: 77.7%

CANDLEPOWER

ZONE ➤ / DEG. ▼	0	22	45	67	90
		CANDELAS			
180	879	879	879	879	879
175	870	874	881	890	893
165	844	867	900	938	941
155	783	836	908	968	987
145	680	770	874	973	1003
135	548	663	809	981	1034
125	433	568	816	1060	1078
115	286	458	767	973	1024
105	147	370	595	649	677
95	38	172	226	246	256
90	0	26	43	73	83
85	5	8	18	30	36
75	19	23	30	37	41
65	26	33	44	52	56
55	57	60	74	77	82
45	78	77	85	94	97
35	101	102	106	111	115
25	122	122	125	127	128
15	135	135	138	138	138
5	142	142	145	143	144
0	142	142	142	142	142

COEFFICIENTS OF UTILIZATION
% EFFECTIVE CEILING CAVITY REFLECTANCE

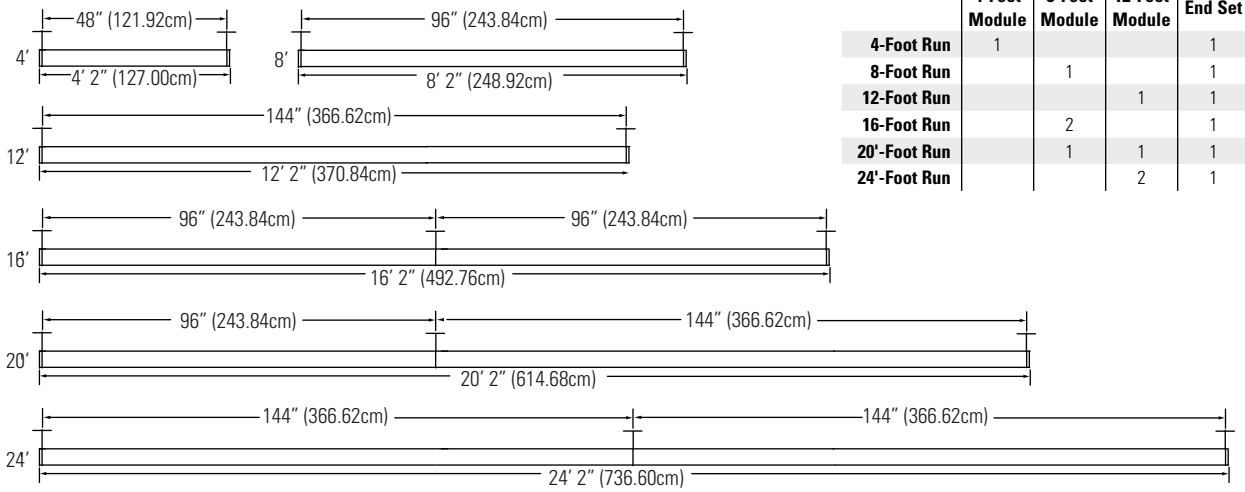
	80			70			50		
	WALL REFLECTANCE								
ROOM CAVITY RATIO	70	50	30	70	50	30	50	30	10
0	76	76	76	66	66	66	47	47	47
1	69	66	63	60	57	55	41	39	38
2	63	57	53	54	50	46	36	34	32
3	57	50	45	49	44	40	32	29	27
4	52	44	39	45	39	34	28	25	23
5	48	39	33	41	34	29	25	22	19
6	44	35	29	38	31	26	22	19	17
7	40	31	26	35	27	23	20	17	14
8	37	28	23	32	25	20	18	15	12
9	34	26	20	30	22	18	16	13	11
10	32	23	18	28	20	16	15	12	10

20% FLOOR CAVITY REFLECTANCE

DISTRIBUTION

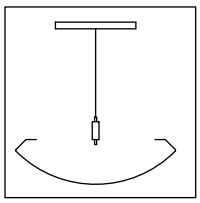
Zone	Lumens	% Lamp	% Luminaire
0-90	401	6.9	8.9
90-180	4104	70.8	91.1
0-180	4505	77.7	100.0

Fixture Lengths & Mounting Locations

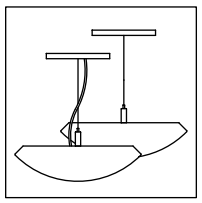


	4-Foot Module	8-Foot Module	12-Foot Module	End Set	Cable/ Joiner
4-Foot Run	1			1	
8-Foot Run		1		1	
12-Foot Run			1	1	
16-Foot Run		2		1	1
20'-Foot Run		1	1	1	1
24'-Foot Run			2	1	1

Mounting Accessories

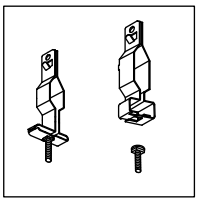


Cable/Joiner Assembly
Standard Cable Length is 36" (91.44cm)
Single Cable: **LP1C36**
Single Cable & Cord: **LP1CC36**
Single Cable & 4 Wire Cord: **LP1CC36X4**



Power Feed End Set
Standard Cable Length is 36" (91.44cm)
Straight Cord: **LP1EC36** 4 Wire Cord*: **LP1EC36X4**

** use for dimming and/or emergency battery packs*



Ceiling Grid Kit CGK
Includes both Standard 1" (2.54cm)
Tee Bar Clip & Slot Tee Clip

Job Information **Type:**

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